

# **METHOD, PROGRAM AND SYSTEM FOR AUTOMATICALLY DETECTING MALICIOUS COMPUTER NETWORK RECONNAISSANCE**

## **ABSTRACT**

A detection and response system that generates an Alert if unauthorized

- 5 scanning is detected on a computer network that includes a look-up table to record state value corresponding to the sequence in which SYN, SYN/ACK and RST packets are observed. A set of algorithms executed on a processing engine adjusts the state value in response to observing the packets. When the state value reaches a predetermined value indicating that all three packets have been seen, the algorithm
- 10 generates an Alert.